

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09991002 on June 05, 2003

15 428/432 (4 OR, 11 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/426 .Of quartz or glass

428/432 ..Next to metal or compound thereof

13 428/702 (1 OR, 12 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/688 .Of inorganic material

428/689 ..Metal-compound-containing layer

428/702 ...O-containing

12 428/469 (0 OR, 12 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/457 .Of metal

428/469 ..Next to metal salt or oxide

11 428/701 (0 OR, 11 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/688 .Of inorganic material

428/689 ..Metal-compound-containing layer

428/699 ...Next to second metal-compound-containing
layer

428/701O-containing metal compound

9 359/359 (0 OR, 9 XR)

Class 359 : OPTICS: SYSTEMS

359/350 HAVING SIGNIFICANT INFRARED OR ULTRAVIOLET
PROPERTY

359/359 .Multilayer filter or multilayer reflector

9 359/360 (1 OR, 8 XR)

Class 359 : OPTICS: SYSTEMS

359/350 HAVING SIGNIFICANT INFRARED OR ULTRAVIOLET
PROPERTY

359/359 .Multilayer filter or multilayer reflector

359/360 ..Having metal layer

8 428/216 (0 OR, 8 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)

428/212 .Including components having same physical
characteristic in differing degree

428/213 ..Thickness (relative or absolute)

428/215 ...Absolute thicknesses specified

428/216No layer or component greater than 5 mils
thick

8 428/472 (2 OR, 6 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/457 .Of metal

428/469 ..Next to metal salt or oxide

428/472 ...Refractory metal salt or oxide

8 428/697 (0 OR, 8 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/688 .Of inorganic material

428/689 ..Metal-compound-containing layer

428/697 ...Layer contains compound(s) of plural metals

8 428/699 (0 OR, 8 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/688 .Of inorganic material

428/689 ..Metal-compound-containing layer

428/699 ...Next to second metal-compound-containing
layer

7 359/580 (0 OR, 7 XR)

Class 359 : OPTICS: SYSTEMS

359/577 LIGHT INTERFERENCE

359/580 .Produced by coating or lamina

7 428/336 (3 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT

428/332 .Physical dimension specified

428/334 ..Coating layer not in excess of 5 mils thick

- or equivalent
 - 428/335 ...Up to 3 mils
 - 428/3361 mil or less
- 7 428/433 (0 OR, 7 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/426 .Of quartz or glass
 - 428/432 ..Next to metal or compound thereof
 - 428/433 ...Alloy or free metal
- 7 428/632 (0 OR, 7 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/544 ALL METAL OR WITH ADJACENT METALS
 - 428/615 .Composite; i.e., plural, adjacent, spatially
distinct metal components (e.g., layers, joint, etc.)
 - 428/621 ..With additional, spatially distinct nonmetal
component
 - 428/632 ...Oxide-containing component
- 6 126/908 (0 OR, 6 XR)
 - Class 126 : STOVES AND FURNACES
 - 126/907 ABSORBER COATING
 - 126/908 .Particular chemical
- 6 359/585 (0 OR, 6 XR)
 - Class 359 : OPTICS: SYSTEMS
 - 359/577 LIGHT INTERFERENCE
 - 359/580 .Produced by coating or lamina
 - 359/585 ..Including metal or conductive layer
- 5 126/709 (0 OR, 5 XR)
 - Class 126 : STOVES AND FURNACES
 - 126/569 SOLAR HEAT COLLECTOR
 - 126/704 .Collector housing
 - 126/709 ..Insulation
- 5 427/160 (0 OR, 5 XR)
 - Class 427 : COATING PROCESSES
 - 427/160 COATING HAS X-RAY, ULTRAVIOLET, OR INFRARED
PROPERTIES
- 5 428/212 (0 OR, 5 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,

- OVERALL DIMENSION, ETC.)
- 428/212 .Including components having same physical characteristic in differing degree
- 5 428/333 (2 OR, 3 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED ELEMENT OR COMPONENT
- 428/332 .Physical dimension specified
- 428/333 ..In terms of molecular thickness or light wave length
- 4 204/192.27 (1 OR, 3 XR)
- Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
- 204/192.1 .Coating, forming or etching by sputtering
- 204/192.12 ..Glow discharge sputter deposition (e.g., cathode sputtering, etc.)
- 204/192.15 ...Specified deposition material or use
- 204/192.26Optical or photoactive
- 204/192.27Reflective
- 4 250/338.1 (1 OR, 3 XR)
- Class 250 : RADIANT ENERGY
- 250/336.1 INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC SIGNALLING
- 250/338.1 .Infrared responsive
- 4 250/339.11 (0 OR, 4 XR)
- Class 250 : RADIANT ENERGY
- 250/336.1 INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC SIGNALLING
- 250/338.1 .Infrared responsive
- 250/339.01 ..With selection of plural discrete wavelengths or bands
- 250/339.06 ...With radiation source
- 250/339.11Measuring infrared radiation reflected from sample
- 4 428/403 (1 OR, 3 XR)
- Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE, CELL, STRAND, STRAND PORTION, ROD, FILAMENT, MACROSCOPIC FIBER OR MASS THEREOF
- 428/402 .Particulate matter (e.g., sphere, flake, etc.)

428/403 ..Coated

4 428/407 (0 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/357 COATED OR STRUCTUALLY DEFINED FLAKE, PARTICLE,
CELL, STRAND, STRAND PORTION, ROD, FILAMENT,

MACROSCOPIC

FIBER OR MASS THEREOF

428/402 .Particulate matter (e.g., sphere, flake, etc.)

428/403 ..Coated

428/407 ...Including synthetic resin or polymer

4 428/472.1 (0 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/457 .Of metal

428/469 ..Next to metal salt or oxide

428/472 ...Refractory metal salt or oxide

428/472.1Formed in situ

4 428/623 (3 OR, 1 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/544 ALL METAL OR WITH ADJACENT METALS

428/615 .Composite; i.e., plural, adjacent, spatially
distinct metal components (e.g., layers, joint, etc.)

428/621 ..With additional, spatially distinct nonmetal
component

428/622 ...More than one such component

428/623Adjacent to each other

4 428/627 (3 OR, 1 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/544 ALL METAL OR WITH ADJACENT METALS

428/615 .Composite; i.e., plural, adjacent, spatially
distinct metal components (e.g., layers, joint, etc.)

428/621 ..With additional, spatially distinct nonmetal
component

428/627 ...Boride, carbide or nitride component

4 428/698 (0 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/688 .Of inorganic material

428/689 ..Metal-compound-containing layer
428/698 ...Carbide-, nitride-, or sulfide-containing layer

4 521/136 (0 OR, 4 XR)

Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A
CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.

521/134 ..Cellular product derived from two or more
solid polymers or from at least one solid polymer and at
least one polymer-forming system

521/136 ...At least one polymer is derived from an
aldehyde or derivative or wherein the polymer-forming
system contains the same type of reactant

4 521/54 (0 OR, 4 XR)

Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A
CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.

521/53 ..Treating a cellular solid polymer by adding a
material thereto which reacts with the polymer or forms a
composition therewith, or products of said treating process

521/54 ...Treating a cellular solid polymer by adding
a solid polymer or solid polymer-forming composition

4 521/57 (0 OR, 4 XR)

Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A
CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.

521/56 ..Particle which is expandible, process of
preparing an expandible particle, or process of expanding a
particle to form a cellular product

521/57 ...Including step of surface coating a particle
or process of expanding a surface coated particle

3 65/21.4 (2 OR, 1 XR)

Class 065 : GLASS MANUFACTURING

65/17.1 PROCESSES

65/21.1 .Self-supporting particle making (e.g., bead,
ball, granule, etc.)

65/21.4 ..Hollow or porous particle

- 3 117/217 (1 OR, 2 XR)
Class 117 : SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR
117/200 APPARATUS
117/206 .For crystallization from liquid or
supercritical state
117/208 ..Seed pulling
117/217 ...Including heating or cooling details (e.g.,
shield configuration)
- 3 204/192.15 (0 OR, 3 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/192.1 .Coating, forming or etching by sputtering
204/192.12 ..Glow discharge sputter deposition (e.g.,
cathode sputtering, etc.)
204/192.15 ...Specified deposition material or use
- 3 252/510 (0 OR, 3 XR)
Class 252 : COMPOSITIONS
252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
COMPOSITIONS
252/502 .Elemental carbon containing
252/510 ..With organic component
- 3 359/586 (0 OR, 3 XR)
Class 359 : OPTICS: SYSTEMS
359/577 LIGHT INTERFERENCE
359/580 .Produced by coating or lamina
359/586 ..Layers having specified index of refraction
- 3 374/126 (1 OR, 2 XR)
Class 374 : THERMAL MEASURING AND TESTING
374/100 TEMPERATURE MEASUREMENT (E.G., THERMOMETER)
374/120 .In spaced noncontact relationship to specimen

374/121 ..By thermally emitted radiation
374/126 ...Having emissivity compensating or specified
radiating surface
- 3 374/133 (0 OR, 3 XR)
Class 374 : THERMAL MEASURING AND TESTING
374/100 TEMPERATURE MEASUREMENT (E.G., THERMOMETER)
374/120 .In spaced noncontact relationship to specimen

374/121 ..By thermally emitted radiation
374/133 ...Ambient temperature compensated (e.g., dummy
sensor)

3 425/7 (0 OR, 3 XR)

Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR
TREATING: APPARATUS

425/6 MEANS MAKING PARTICULATE MATERIAL DIRECTLY FROM
LIQUID OR MOLTEN MATERIAL

425/7 ..By means applying fluid jet or blast to
unconfined liquid material

3 428/323 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT

428/323 ..Including a second component containing
structurally defined particles

3 428/325 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT

428/323 ..Including a second component containing
structurally defined particles

428/325 ..Glass or ceramic (i.e., fired or glazed clay,
cement, etc.) (porcelain, quartz, etc.)

3 428/434 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/426 ..Of quartz or glass

428/432 ..Next to metal or compound thereof

428/433 ...Alloy or free metal

428/434Noble metal containing

3 428/446 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/446 ..Of silicon containing (not as silicon alloy)

3 428/457 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

- 428/457 .Of metal
- 3 428/458 (1 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/457 .Of metal
 428/458 ..Next to polyester, polyamide or polyimide
 (e.g., alkyd, glue, or nylon, etc.)
- 3 428/621 (0 OR, 3 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/544 ALL METAL OR WITH ADJACENT METALS
 428/615 .Composite; i.e., plural, adjacent, spatially
 distinct metal components (e.g., layers, joint, etc.)
 428/621 ..With additional, spatially distinct nonmetal
 component
- 3 428/630 (1 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/544 ALL METAL OR WITH ADJACENT METALS
 428/615 .Composite; i.e., plural, adjacent, spatially
 distinct metal components (e.g., layers, joint, etc.)
 428/621 ..With additional, spatially distinct nonmetal
 component
 428/630 ...Noncrystalline silica or noncrystalline
 plural-oxide component (e.g., glass, etc.)
- 3 428/689 (0 OR, 3 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/688 .Of inorganic material
 428/689 ..Metal-compound-containing layer
- 3 428/919 (0 OR, 3 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/919 CAMOUFLAGED ARTICLE
- 3 428/920 (0 OR, 3 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/920 FIRE OR HEAT PROTECTION FEATURE
- 2 65/142 (0 OR, 2 XR)
 Class 065 : GLASS MANUFACTURING
 65/142 PARTICULATE BEAD OR BALL MAKING APPARATUS
 (E.G., PIN HEADING)

2 65/22 (0 OR, 2 XR)

Class 065 : GLASS MANUFACTURING

65/17.1 PROCESSES

65/22 .With pore forming in situ

2 65/60.4 (0 OR, 2 XR)

Class 065 : GLASS MANUFACTURING

65/17.1 PROCESSES

65/60.1 .With coating

65/60.4 ..Free metal coating

2 106/287.1 (0 OR, 2 XR)

Class 106 : COMPOSITIONS: COATING OR PLASTIC

106/287.1 .Silicon containing other than solely as
silicon dioxide or as part of an aluminum-containing
compound

2 106/403 (0 OR, 2 XR)

Class 106 : COMPOSITIONS: COATING OR PLASTIC

106/400 .Pigment, filler, or aggregate compositions,
e.g., stone, shale, pebbles, rock, etc.

106/401 ..Composition contains identified material
other than water

106/403 ...Elemental metal or alloy containing

2 106/404 (0 OR, 2 XR)

Class 106 : COMPOSITIONS: COATING OR PLASTIC

106/400 .Pigment, filler, or aggregate compositions,
e.g., stone, shale, pebbles, rock, etc.

106/401 ..Composition contains identified material
other than water

106/403 ...Elemental metal or alloy containing

106/404Aluminum containing

2 117/211 (1 OR, 1 XR)

Class 117 : SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR

117/200 APPARATUS

117/206 .For crystallization from liquid or
supercritical state

117/208 ..Seed pulling

117/209 ...Including solid member shaping means other
than seed or product (e.g., EDFA die)

117/211Including means forming a flat shape (e.g.,
ribbon)

2 117/900 (0 OR, 2 XR)
Class 117 : SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR
117/900 APPARATUS CHARACTERIZED BY COMPOSITION OR
TREATMENT THEREOF (E.G., SURFACE FINISH, SURFACE COATING)

2 117/932 (0 OR, 2 XR)
Class 117 : SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR
117/928 SINGLE-CRYSTAL OF PURE OR INTENTIONALLY DOPED
ELEMENT {C30B 29/02}
117/931 .Silicon from liquid or supercritical state
{C30B 29/06}
117/932 ..By pulling {C30B 29/06}

2 118/725 (0 OR, 2 XR)
Class 118 : COATING APPARATUS
118/715 GAS OR VAPOR DEPOSITION
118/722 .With treating means (e.g., jarring)
118/724 ..By means to heat or cool
118/725 ...Substrate heater

2 126/661 (1 OR, 1 XR)
Class 126 : STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through
collector
126/651 ..Conduit absorber structure
126/658 ...Having heat-absorbing fin or plate
126/661Plate surface with conduit secured thereto

2 126/684 (0 OR, 2 XR)
Class 126 : STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/684 .With concentrating reflector

2 126/906 (0 OR, 2 XR)
Class 126 : STOVES AND FURNACES
126/906 CONNECTING PLURAL SOLAR COLLECTORS AS A UNIT

2 148/265 (0 OR, 2 XR)
Class 148 : METAL TREATMENT
148/95 PROCESS OF MODIFYING OR MAINTAINING INTERNAL

PHYSICAL STRUCTURE (I.E., MICROSTRUCTURE) OR CHEMICAL
 PROPERTIES OF METAL, PROCESS OF REACTIVE COATING OF
 METAL
 AND PROCESS OF CHEMICAL-HEAT REMOVING (E.G.,
 FLAME-CUTTING,
 ETC.) OR BURNING OF METAL

148/240 .Processes of coating utilizing a reactive
 composition which reacts with metal substrate or
 composition therefore

148/243 ..Liquid reactive coating composition utilized

148/264 ...Contains an atom of chromium

148/265Post chromium treatment with specified
 material (other than mere air drying)

2 244/158A (0 OR, 2 XR)
 Class 244 : AERONAUTICS
 244/158R SPACECRAFT
 244/158A .Exterior surface air resistance heat control

2 250/339.04 (1 OR, 1 XR)
 Class 250 : RADIANT ENERGY
 250/336.1 INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC
 SIGNALLING
 250/338.1 .Infrared responsive
 250/339.01 ..With selection of plural discrete wavelengths
 or bands
 250/339.04 ...Including temperature determining means

2 250/493.1 (1 OR, 1 XR)
 Class 250 : RADIANT ENERGY
 250/493.1 RADIANT ENERGY GENERATION AND SOURCES

2 250/504R (1 OR, 1 XR)
 Class 250 : RADIANT ENERGY
 250/493.1 RADIANT ENERGY GENERATION AND SOURCES
 250/503.1 .With radiation modifying member
 250/504R ..Ultraviolet or infrared source

2 252/502 (0 OR, 2 XR)
 Class 252 : COMPOSITIONS
 252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
 COMPOSITIONS
 252/502 .Elemental carbon containing

2 252/506 (2 OR, 0 XR)

Class 252 : COMPOSITIONS

252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
COMPOSITIONS

252/502 .Elemental carbon containing

252/506 ..With metal compound

2 252/511 (0 OR, 2 XR)

Class 252 : COMPOSITIONS

252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
COMPOSITIONS

252/502 .Elemental carbon containing

252/510 ..With organic component

252/511 ...Resin, rubber, or derivative thereof
containing

2 264/12 (0 OR, 2 XR)

Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR
TREATING: PROCESSES

264/5 FORMATION OF SOLID PARTICULATE MATERIAL
DIRECTLY FROM MOLTEN OR LIQUID MASS (E.G., LIQUID
COMMINUTING)

264/12 .By impinging or atomizing with gaseous jet or
blast

2 264/514 (0 OR, 2 XR)

Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR
TREATING: PROCESSES

264/500 DIRECT APPLICATION OF FLUID PRESSURE
DIFFERENTIAL TO PERMANENTLY SHAPE, DISTORT, OR SUSTAIN

WORK

264/510 .Producing multilayer work or article

264/512 ..Producing hollow work or a tubular article

264/514 ...Including extrusion

2 264/574 (0 OR, 2 XR)

Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR
TREATING: PROCESSES

264/500 DIRECT APPLICATION OF FLUID PRESSURE
DIFFERENTIAL TO PERMANENTLY SHAPE, DISTORT, OR SUSTAIN

WORK

264/572 .With internal application of fluid pressure

264/574 ..To form generally spherical product

- 2 338/225 (0 OR, 2 XR)
Class 338 : ELECTRICAL RESISTORS
338/223 GRANULAR OR POWDERED ELEMENT
338/225 .Carbon particles
- 2 359/350 (0 OR, 2 XR)
Class 359 : OPTICS: SYSTEMS
359/350 HAVING SIGNIFICANT INFRARED OR ULTRAVIOLET
PROPERTY
- 2 359/577 (0 OR, 2 XR)
Class 359 : OPTICS: SYSTEMS
359/577 LIGHT INTERFERENCE
- 2 359/581 (0 OR, 2 XR)
Class 359 : OPTICS: SYSTEMS
359/577 LIGHT INTERFERENCE
359/580 .Produced by coating or lamina
359/581 ..By transmissive coating on lens
- 2 359/582 (0 OR, 2 XR)
Class 359 : OPTICS: SYSTEMS
359/577 LIGHT INTERFERENCE
359/580 .Produced by coating or lamina
359/582 ..Layer having specified nonoptical property
- 2 359/589 (0 OR, 2 XR)
Class 359 : OPTICS: SYSTEMS
359/577 LIGHT INTERFERENCE
359/580 .Produced by coating or lamina
359/589 ..Selective wavelength transmission or
reflection
- 2 362/147 (2 OR, 0 XR)
Class 362 : ILLUMINATION
362/145 WITH STATIC STRUCTURE
362/147 .Wall or ceiling
- 2 362/294 (0 OR, 2 XR)
Class 362 : ILLUMINATION
362/257 LIGHT SOURCE (OR SUPPORT THEREFOR) AND MODIFIER

362/294 .With ventilating, cooling or heat insulating
means

- 2 362/369 (0 OR, 2 XR)
 - Class 362 : ILLUMINATION
 - 362/362 HOUSING
 - 362/368 .With mounting means
 - 362/369 ..Shock absorbing

- 2 362/408 (0 OR, 2 XR)
 - Class 362 : ILLUMINATION
 - 362/382 SUPPORTS
 - 362/404 .Ceiling-suspended support
 - 362/408 ..With light modifier holder

- 2 374/132 (1 OR, 1 XR)
 - Class 374 : THERMAL MEASURING AND TESTING
 - 374/100 TEMPERATURE MEASUREMENT (E.G., THERMOMETER)
 - 374/120 .In spaced noncontact relationship to specimen

 - 374/121 ..By thermally emitted radiation
 - 374/132 ...Sensor or mounting temperature control

- 2 425/462 (0 OR, 2 XR)
 - Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR
TREATING: APPARATUS
 - 425/461 MEANS PROVIDING A SHAPING ORIFICE
 - 425/462 .Plural distinct feed inlets

- 2 427/250 (0 OR, 2 XR)
 - Class 427 : COATING PROCESSES
 - 427/248.1 COATING BY VAPOR, GAS, OR SMOKE
 - 427/250 .Metal coating

- 2 428/17 (2 OR, 0 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/15 THREE DIMENSION IMITATION OR "TREATED" NATURAL
PRODUCT
 - 428/17 .Flora

- 2 428/213 (2 OR, 0 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)
 - 428/212 .Including components having same physical
characteristic in differing degree
 - 428/213 ..Thickness (relative or absolute)

- 2 428/341 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
 ELEMENT OR COMPONENT
 428/340 .Weight per unit area specified (e.g., gms/sq
 cm, lbs/sq ft, etc.)
 428/341 ..Of coating
- 2 428/426 (1 OR, 1 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/426 .Of quartz or glass
- 2 428/450 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/446 .Of silicon containing (not as silicon alloy)

 428/450 ..Next to metal
- 2 428/461 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/457 .Of metal
 428/461 ..Next to addition polymer from unsaturated
 monomers
- 2 428/472.2 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/457 .Of metal
 428/469 ..Next to metal salt or oxide
 428/472.2 ...Aluminum or iron salt or oxide formed in
 situ
- 2 428/480 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/480 .Of polyester (e.g., alkyd, etc.)
- 2 428/523 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers

428/523 ..Polymer of monoethylenically unsaturated hydrocarbon

2 428/629 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/544 ALL METAL OR WITH ADJACENT METALS

428/615 .Composite; i.e., plural, adjacent, spatially distinct metal components (e.g., layers, joint, etc.)

428/621 ..With additional, spatially distinct nonmetal component

428/628 ...Component contains compound of adjacent metal

428/629Oxide

2 428/633 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/544 ALL METAL OR WITH ADJACENT METALS

428/615 .Composite; i.e., plural, adjacent, spatially distinct metal components (e.g., layers, joint, etc.)

428/621 ..With additional, spatially distinct nonmetal component

428/632 ...Oxide-containing component

428/633Plural oxides

2 428/660 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/544 ALL METAL OR WITH ADJACENT METALS

428/615 .Composite; i.e., plural, adjacent, spatially distinct metal components (e.g., layers, joint, etc.)

428/655 ..Transition metal-base component

428/660 ...Refractory (Group IVB, VB, or VIB) metal-base component

2 428/673 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/544 ALL METAL OR WITH ADJACENT METALS

428/615 .Composite; i.e., plural, adjacent, spatially distinct metal components (e.g., layers, joint, etc.)

428/655 ..Transition metal-base component

428/668 ...Group VIII or IB metal-base component

428/673Ag-base component

2 428/913 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/913 MATERIAL DESIGNED TO BE RESPONSIVE TO

TEMPERATURE, LIGHT, MOISTURE, ETC.

2 438/795 (1 OR, 1 XR)

Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS

438/795 RADIATION OR ENERGY TREATMENT MODIFYING
PROPERTIES OF SEMICONDUCTOR REGION OF SUBSTRATE (E.G.,
THERMAL, CORPUSCULAR, ELECTROMAGNETIC, ETC.)

2 524/431 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or composition
thereof

524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/401Inorganic compound devoid of a silicon atom
DNRM

524/430A single type of metal atom and only
oxygen atoms DNRM, e.g., metal oxide, etc.

524/431Transition metal atom (i.e., Fe,Co,Ni)